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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re PATENT APPLICATION OF

Applicant: Ola FÖRSLUND

Appl'n No.: 10/535,236

Filing Date: May 17, 2005

Conf. No.: 3756

For: METHOD FOR CONVERSION OF  
WAVEGUIDE MODES, MODE-  
CONVERTING ARRANGEMENT AND  
ANTENNA ARRANGEMENT

Atty. Dkt.: 43327-218590

) Group Art Unit: TBA

) Examiner: TBA

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**INFORMATION  
DISCLOSURE  
STATEMENT**

26694

U.S. PATENT AND  
TRADEMARK OFFICE

October 4, 2005

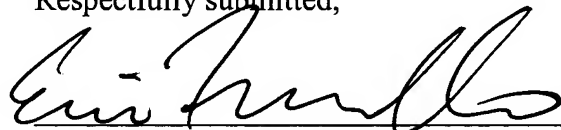
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a PTO-1449 and copies of references cited therein. The relevance of the non-English reference, EP 0 330 539, is provided by the enclosed copy of the International Search Report and International-Type Search Report. Also, an English translation of the abstract is provided and U.S. patent 4,973,924 corresponds thereto.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Therefore, no Statement Under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Respectfully submitted,



Eric J. Franklin, Registration No. 37,134

VENABLE

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

## **Complete if Known**

Application Number	10/535,236
Filing Date	May 17, 2005
First Named Inventor	Ola FORSLUND
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	43327-218590

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	4,973,924		BERGERO et al.	11/27/1990	
	2	4,999,591	A	KOSLOVER et al.	03/12/1991	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	3	GB	468548	A		07/07/1937		
	4	EP	0330539	A1		08/30/1989		

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	5	ROBERT L. EISENHART; A Novel Wideband TMO1-to-TE11 Mode Converter; 1998 IEEE MTT-S Digest; pages 249-252; AN: 5985784; Vol. 1.	
	6	SHIWEN YANG and HONGFU LI; Optimization of Novel High-Power Millimeter-Wave TM <sub>01</sub> -TE <sub>11</sub> Mode Converters; IEEE Transactions on Microwave Theory and Techniques; April, 1997; pages 552-554, AN: 5561877 Vol. 45, No. 4.	
	7	G. JANZEN; Mode Converters from TE <sub>0m</sub> to TE <sub>m0</sub> for High-Power Applications in the Frequency Range 1 to 30 GHz; INT. J. Electronics; 1984; pages 1219-1224, AN: 2531643; Vol. 57, No. 6.	
	8	CONSTANTINE A. BALANIS; Circular Cross-Section Waveguides and Cavities; Advanced Engineering Electromagnetics; pages 470-495; Chapter 9; John Wiley & Sons.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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